Welcome to STN International! Enter x:x

LOGINID: SSSPTA1648EML

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

```
* * * * * * * *
                     Welcome to STN International
NEWS
                 Web Page URLs for STN Seminar Schedule - N. America
                 "Ask CAS" for self-help around the clock
NEWS
NEWS
        AUG 09
                 INSPEC enhanced with 1898-1968 archive
NEWS
        AUG 28
                 ADISCTI Reloaded and Enhanced
        AUG 30
NEWS
      5
                 CA(SM)/CAplus(SM) Austrian patent law changes
NEWS
     6
         SEP 21
                 CA/CAplus fields enhanced with simultaneous left and right
                 truncation
                 CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS
     7
         SEP 25
        SEP 25
                 CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS
     8
         SEP 25
                 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS
     9
NEWS 10
        SEP 28
                 CEABA-VTB classification code fields reloaded with new
                 classification scheme
        OCT 19
NEWS 11
                 LOGOFF HOLD duration extended to 120 minutes
        OCT 19
NEWS 12
                 E-mail format enhanced
NEWS 13
        OCT 23
                 Option to turn off MARPAT highlighting enhancements available
NEWS 14
        OCT 23
                 CAS Registry Number crossover limit increased to 300,000 in
                 multiple databases
NEWS 15
        OCT 23
                 The Derwent World Patents Index suite of databases on STN
                 has been enhanced and reloaded
NEWS 16
                 CHEMLIST enhanced with new search and display field
        OCT 30
NEWS 17
        NOV 03
                 JAPIO enhanced with IPC 8 features and functionality
NEWS 18
        NOV 10
                 CA/CAplus F-Term thesaurus enhanced
NEWS 19
        NOV 10
                 STN Express with Discover! free maintenance release Version
                 8.01c now available
NEWS 20
        NOV 20
                 CAS Registry Number crossover limit increased to 300,000 in
                 additional databases
NEWS 21
        NOV 20
                 CA/CAplus to MARPAT accession number crossover limit increased
                 to 50,000
NEWS 22
        DEC 01
                 CAS REGISTRY updated with new ambiguity codes
NEWS 23
        DEC 11
                 CAS REGISTRY chemical nomenclature enhanced
NEWS 24
         DEC 14
                 WPIDS/WPINDEX/WPIX manual codes updated
NEWS 25
        DEC 14
                 GBFULL and FRFULL enhanced with IPC 8 features and
                 functionality
NEWS 26
        DEC 18
                 CA/CAplus pre-1967 chemical substance index entries enhanced
                 with preparation role
NEWS 27
         DEC 18
                 CA/CAplus patent kind codes updated
        DEC 18
NEWS 28
                 MARPAT to CA/CAplus accession number crossover limit increased
                 to 50,000
NEWS 29
         DEC 18
                 MEDLINE updated in preparation for 2007 reload
NEWS 30
        DEC 27
                 CA/CAplus enhanced with more pre-1907 records
NEWS EXPRESS
              NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS
              STN Operating Hours Plus Help Desk Availability
NEWS LOGIN
              Welcome Banner and News Items
NEWS IPC8
```

For general information regarding STN implementation of IPC 8

NEWS X25 X.25 communication option no longer available NEWS PRICE STN 2007 Prices

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 18:39:48 ON 29 DEC 2006

=> file registry COST IN U.S. DOLLARS

) ACETAMI DE / CN

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 18:40:26 ON 29 DEC 2006 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 28 DEC 2006 HIGHEST RN 916479-39-5 DICTIONARY FILE UPDATES: 28 DEC 2006 HIGHEST RN 916479-39-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

"N-(4-(3-(4-AMINOPHENYL)-4-ISOAZOLY)PHENYL)-N'-(1-(4-FLUOROPHENYL)ETHYL)THIOUREA"/CN 25 E1 N-(4-(3-(4-(MORPHOLIN-4-YL)QUINOLIN-3-YL)ACRYLOYL)PHENYL)OXALAMIC ACID ETHYL ESTER/CN N-(4-(3-(4-ACETYLPIPERAZIN-1-YL)PROPOXY)NAPHTHALEN-1-YL)-3-FLUORO-5-(PIPERIDIN-1-YL) BENZAMIDE/CN E3 0 --> N-(4-(3-(4-AMINOPHENYL)-4-ISOAZOLY) PHENYL)-N'-(1-(4-FLUOROPHENYL) ETHYL) THIOUREA/CN E4N-(4-(3-(4-AMINOPHENYL) PROPYL)-1,3-THIAZOL-2-YL)ACETAMIDE/CN N-(4-(3-(4-BENZYLPIPERIDIN-1-YL) PROPYL) PHENYL) -N-(4-HYDROXYBENZYL) BENZENESULFONAMIDE /CN F.6 1 N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)-3-METHYLNAPHTHALEN-1-YL

```
E7
N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)-3-METHYLNAPHTHALEN-1-YL
)ACETAMIDE ACETATE/CN
F.8
N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)PHENYL)ACETAMIDE/CN
E9
N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY) PHENYL) ACETAMIDE
ACETATE/CN
E10
N-(4-(3-(4-CHLOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXAMIC
ACID/CN
E11
N-(4-(3-(4-CHLOROBENZYLCARBAMOYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXAMIC ACID
ETHYL ESTER/CN
N-(4-(3-(4-CHLOROPHENOXY)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXAMIC ACID/CN
N-(4-(3-(4-CHLOROPHENYL)-1-OXO-2-PROPENYL)PHENYL)-2-METHYL-5-NITROBENZENESULFONAMIDE
/CN
E14
             1
N-(4-(3-(4-CHLOROPHENYL) BENZO(C) ISOXAZOL-5-YL) PYRIMIDIN-2-YL) ACETAMIDE/CN
N-(4-(3-(4-CHLOROPHENYL)ISOXAZOL-5-YL)THIAZOL-2-YL)-N-(3-(MORPHOLIN-4-YL)PROPYL)THIO
PHENE-2-CARBOXAMIDE/CN
N-(4-(3-(4-CYANO-3-TRIFLUOROMETHYLPHENYL)-5,5-DIMETHYL-4-OXO-2-THIOXOIMIDAZOLIDIN-1-
YL) PHENYL) ACETAMIDE/CN
E17
N-(4-(3-(4-CYANO-3-TRIFLUOROMETHYLPHENYL)-5,5-DIMETHYL-4-OXO-2-THIOXOIMIDAZOLIDIN-1-
YL) PHENYL) METHANESULFONAMIDE/CN
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)-2-MORPHOLIN-
4-YL-2-OXOACETAMIDE/CN
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)-N'-(2-METHOX
YETHYL) OXALAMIDE/CN
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)-N'-ISOPROPYL
OXALAMIDE/CN
E21
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)-N'-PROPYLOXA
LAMIDE/CN
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)MALONAMIC
ACID/CN
E23
             1
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXALAMIDE/CN
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXAMIC
ACID/CN
E25
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXAMIC ACID
ETHYL ESTER/CN
=>
=> E
"N-(4-(3-(4-AMINOPHENYL)-4-ISOxAZOLY1)PHENYL)-N'-(1-(4-FLUOROPHENYL)ETHYL)THIOUREA"/
E1
                   N-(4-(3-(4-(MORPHOLIN-4-YL)QUINOLIN-3-YL)ACRYLOYL)PHENYL)OXA
                   LAMIC ACID ETHYL ESTER/CN
E2
                   N-(4-(3-(4-ACETYLPIPERAZIN-1-YL) PROPOXY) NAPHTHALEN-1-YL)-3-F
                   LUORO-5-(PIPERIDIN-1-YL)BENZAMIDE/CN
E3
             0 --> N-(4-(3-(4-AMINOPHENYL)-4-ISOXAZOLYL)PHENYL)-N'-(1-(4-FLUORO
                   PHENYL) ETHYL) THIOUREA/CN
```

E4 E5	1 1	N-(4-(3-(4-AMINOPHENYL)PROPYL)-1,3-THIAZOL-2-YL)ACETAMIDE/CNN-(4-(3-(4-BENZYLPIPERIDIN-1-YL)PROPYL)PHENYL)-N-(4-HYDROXYB
E6	1	ENZYL)BENZENESULFONAMIDE/CN N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)
E7	1	-3-METHYLNAPHTHALEN-1-YL) ACETAMIDE/CN N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)
E8	1	-3-METHYLNAPHTHALEN-1-YL) ACETAMIDE ACETATE/CN
		N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY) PHENYL)ACETAMIDE/CN
E9	1	N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY) PHENYL)ACETAMIDE ACETATE/CN
E10	1	N-(4-(3-(4-CHLOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME THYLPHENYL)OXAMIC ACID/CN
E11	1	N-(4-(3-(4-CHLOROBENZYLCARBAMOYL)-4-HYDROXYPHENOXY)-3,5-DIME
E12	1	THYLPHENYL)OXAMIC ACID ETHYL ESTER/CN N-(4-(3-(4-CHLOROPHENOXY)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHEN
E13	1	YL)OXAMIC ACID/CN N-(4-(3-(4-CHLOROPHENYL)-1-OXO-2-PROPENYL)PHENYL)-2-METHYL-5
E14	1	-NITROBENZENESULFONAMIDE/CN N-(4-(3-(4-CHLOROPHENYL)BENZO(C)ISOXAZOL-5-YL)PYRIMIDIN-2-YL
) ACETAMIDE/CN
E15	1	N-(4-(3-(4-CHLOROPHENYL) ISOXAZOL-5-YL) THIAZOL-2-YL) -N-(3-(MO RPHOLIN-4-YL) PROPYL) THIOPHENE-2-CARBOXAMIDE/CN
E16	1	N-(4-(3-(4-CYANO-3-TRIFLUOROMETHYLPHENYL)-5,5-DIMETHYL-4-OXO-2-THIOXOIMIDAZOLIDIN-1-YL)PHENYL)ACETAMIDE/CN
E17	1	N-(4-(3-(4-CYANO-3-TRIFLUOROMETHYLPHENYL)-5,5-DIMETHYL-4-OXO
E18	1	-2-THIOXOIMIDAZOLIDIN-1-YL) PHENYL) METHANESULFONAMIDE/CN N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
E19	1	THYLPHENYL)-2-MORPHOLIN-4-YL-2-OXOACETAMIDE/CN N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
E20	1	THYLPHENYL)-N'-(2-METHOXYETHYL)OXALAMIDE/CN N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
		THYLPHENYL) -N'-ISOPROPYLOXALAMIDE/CN
E21	1	N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME THYLPHENYL)-N'-PROPYLOXALAMIDE/CN
E22	1	N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME THYLPHENYL)MALONAMIC ACID/CN
E23	1	N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME THYLPHENYL)OXALAMIDE/CN
E24	1	N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
E25	1	THYLPHENYL)OXAMIC ACID/CN N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
		THYLPHENYL)OXAMIC ACID ETHYL ESTER/CN
=> E	4 714711	
'N1-(4-(3-(/CN 25	4-AMINO	OPHENYL) -4-ISOxAZOLY1) PHENYL) -N2-(1-(4-FLUOROPHENYL) ETHYL) THIOUREA"
E1	1	N1-(4-(2,4-DIMETHYLTHIAZOL-5-YL)PYRIMIDIN-2-YL)-4-METHOXY-N3,N3-DIMETHYLBENZENE-1,3-DIAMINE/CN
E2	1	N1-(4-(2-(4-FLUOROPHENYL)-6-TRIFLUOROMETHYLPYRAZOLO(1,5-A)PY
		RIDIN-3-YL) PYRIMIDIN-2-YL) -N3, N3-DIMETHYLPROPANE-1, 3-DIAMINE /CN
E3	0:	> N1-(4-(3-(4-AMINOPHENYL)-4-ISOXAZOLYL)PHENYL)-N2-(1-(4-FLUOR OPHENYL)ETHYL)THIOUREA/CN
Ξ4	1	N1-(4-(3-BROMO-4-((2,4-DIFLUOROBENZYL)OXY)-6-METHYL-2-OXO-2H-PYRIDIN-1-YL)BENZYL)-L-SERINAMIDE HYDROCHLORIDE/CN
E5	1	N1-(4-(3-METHYLCARBAMOYL-4-METHYL-7,8-METHYLENEDIOXY-3,4-DIH
E6	1	YDRO-5H-2,3-BENZODIAZEPIN-1-YL)PHENYL)-N3-METHYLUREA/CN N1-(4-(4-AMINO-7-(4-OXOCYCLOHEXYL)-7H-PYRROLO(2,3-D)PYRIMIDI
E7	1	N-5-YL)-2-FLUOROPHENYL)-2,3-DICHLORO-1-BENZENESULFONAMIDE/CN N1-(4-(4-AMINO-7-(8-METHYL-8-AZA(3.2.1)BICYCLOOCTAN-3-YL)-7H
	-	-PYRROLO(2,3-D)PYRIMIDIN-5-YL)-2-FLUOROPHENYL)-2,3-DICHLORO-
E8	1	1-BENZENESULFONAMIDE/CN N1-(4-(4-CHLOROPHENOXY)PHENYL)-N,N-DIMETHYLUREA/CN

```
E9
                                N1-(4-(DIHEXYLAMINO) PHENYL)-N1, N4, N4-TRIHEXYL-1, 4-PHENYLENED
                      1
                                IAMINE/CN
E10
                      1
                                N1-(4-AMINOBUTYL)-N4, N4-BIS(2-HYDROXYETHYL)-2-NITRO-P-PHENYL
                                ENEDIAMINE/CN
E11
                      1
                                N1-(4-BROMO-2-((2-FLUOROPHENYL)CARBONYL)PHENYL)-L-ALANINAMID
                                E/CN
E12
                      1
                                N1-(4-BROMO-2-((2-FLUOROPHENYL)CARBONYL)PHENYL)GLYCINAMIDE/C
E13
                      1
                                N1-(4-BROMOBENZYL)-N1-(PYRID-2-YL)BUTANE-1,4-DIAMINE/CN
E14
                      1
                                N1-(4-BROMOPHENYL)-N2-HYDROXY-2-OXO-2-PHENYLACETAMIDINE/CN
E15
                      1
                                N1-(4-BUTOXYBENZYL)-5,6-DIHYDROTHIOURACIL/CN
E16
                      1
                                N1-(4-CHLOROBENZYL)-4-(3-FLUORO-1-PIPERIDINYL)-4-OXO-1,3-(S)
                                -BUTANEDIAMINE BIS (TRIFLUOROACETATE) / CN
E17
                      1
                                N1-(4-CHLOROPHENYL)-N3-CYANOGUANIDINE/CN
E18
                      1
                                N1-(4-IMINO-1,3-DIMETHYL-2,6-DIOXOHEXAHYDROPYRIMIDIN-5-YL)SU
                                LFANILAMIDE/CN
E19
                      1
                                N1-(4-ISOPROPENYLPHENYL)-N3, N3-DIMETHYLSEMICARBAZIDE/CN
E20
                      1
                                N1-(4-ISOPROPOXYBENZOYL)-P-AMINOBENZENESULFONAMIDE/CN
E21
                      1
                                N1-(4-ISOPROPOXYBENZOYL) SULFANILAMIDE/CN
E22
                      1
                                N1-(4-METHYL-2-PYRIDYL) SULFANILAMIDE SODIUM/CN
E23
                      1
                                N1-(4-METHYL-2-PYRIDYL-6-TRIFLUOROMETHYL)SULFANILAMIDE/CN
E24
                      1
                                N1-(4-METHYL-2-PYRIMIDINYL)SULFANILAMIDE/CN
E25
                      1
                                N1-(4-METHYL-2-THIAZOLYL) SULFANILAMIDE/CN
=> E
"N-(4-(3-(4-AMINOPHENYL)-4-ISOxAZOLY1)PHENYL)-N-(1-(4-FLUOROPHENYL)ETHYL)THIOUREA"/C
N 25
E1
                                N-(4-(3-(4-(MORPHOLIN-4-YL)QUINOLIN-3-YL)ACRYLOYL)PHENYL)OXA
                                LAMIC ACID ETHYL ESTER/CN
                                N-(4-(3-(4-ACETYLPIPERAZIN-1-YL)PROPOXY)NAPHTHALEN-1-YL)-3-F
E2
                      1
                                LUORO-5-(PIPERIDIN-1-YL)BENZAMIDE/CN
E3
                      0 \longrightarrow N-(4-(3-(4-AMINOPHENYL)-4-ISOXAZOLYL)PHENYL)-N-(1-(4-FLUOROPPENYL)-N-(1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPPENYL)-1-(4-FLUOROPP
                                HENYL) ETHYL) THIOUREA/CN
E4
                      1
                                N-(4-(3-(4-AMINOPHENYL) PROPYL)-1,3-THIAZOL-2-YL)ACETAMIDE/CN
E5
                      1
                                N-(4-(3-(4-BENZYLPIPERIDIN-1-YL)PROPYL)PHENYL)-N-(4-HYDROXYB
                                ENZYL) BENZENESULFONAMIDE/CN
E6
                      1
                                N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)
                                -3-METHYLNAPHTHALEN-1-YL) ACETAMIDE/CN
E7
                      1
                                N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)
                                -3-METHYLNAPHTHALEN-1-YL) ACETAMIDE ACETATE/CN
E8
                      1
                                N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)
                                PHENYL) ACETAMIDE/CN
E9
                      1
                                N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)
                                PHENYL) ACETAMIDE ACETATE/CN
E10
                      1
                                N-(4-(3-(4-CHLOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
                                THYLPHENYL) OXAMIC ACID/CN
E11
                      1
                                N-(4-(3-(4-CHLOROBENZYLCARBAMOYL)-4-HYDROXYPHENOXY)-3,5-DIME
                                THYLPHENYL) OXAMIC ACID ETHYL ESTER/CN
E12
                      1
                                N-(4-(3-(4-CHLOROPHENOXY)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHEN
                                YL)OXAMIC ACID/CN
E13
                      1
                                N-(4-(3-(4-CHLOROPHENYL)-1-OXO-2-PROPENYL) PHENYL)-2-METHYL-5
                                -NITROBENZENESULFONAMIDE/CN
E14
                      1
                                N-(4-(3-(4-CHLOROPHENYL)BENZO(C)ISOXAZOL-5-YL)PYRIMIDIN-2-YL
                                ) ACETAMIDE/CN
E15
                      1
                                N-(4-(3-(4-CHLOROPHENYL)ISOXAZOL-5-YL)THIAZOL-2-YL)-N-(3-(MO)
                                RPHOLIN-4-YL) PROPYL) THIOPHENE-2-CARBOXAMIDE/CN
E16
                      1
                                N-(4-(3-(4-CYANO-3-TRIFLUOROMETHYLPHENYL)-5,5-DIMETHYL-4-OXO
                                -2-THIOXOIMIDAZOLIDIN-1-YL) PHENYL) ACETAMIDE/CN
E17
                      1
                                N-(4-(3-(4-CYANO-3-TRIFLUOROMETHYLPHENYL)-5,5-DIMETHYL-4-OXO
                                -2-THIOXOIMIDAZOLIDIN-1-YL) PHENYL) METHANESULFONAMIDE/CN
E18
                      1
                                N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
                                THYLPHENYL) -2-MORPHOLIN-4-YL-2-OXOACETAMIDE/CN
E19
                      1
                                N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
                                THYLPHENYL) -N' - (2-METHOXYETHYL) OXALAMIDE/CN
```

E20	1	N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
E21	1	THYLPHENYL) -N'-ISOPROPYLOXALAMIDE/CN N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
	•	THYLPHENYL) -N'-PROPYLOXALAMIDE/CN
E22	1	N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME THYLPHENYL)MALONAMIC ACID/CN
E23	1	N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
		THYLPHENYL) OXALAMIDE/CN
E24	1	N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
E25	1	THYLPHENYL)OXAMIC ACID/CN N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIME
пер	1	THYLPHENYL) OXAMIC ACID ETHYL ESTER/CN

=>

Uploading C:\Program Files\Stnexp\Queries\thiourea.str

STRUCTURE UPLOADED

=> s 11

SAMPLE SEARCH INITIATED 19:25:26 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED -O TO ITERATE

100.0% PROCESSED

0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS:

PROJECTED ANSWERS:

0 TO 0 0 TO 0

L2 0 SEA SSS SAM L1 Welcome to STN International! Enter x:x LOGINID:SSSPTA1648EML

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

```
Welcome to STN International
NEWS
                 Web Page URLs for STN Seminar Schedule - N. America
NEWS
                 "Ask CAS" for self-help around the clock
NEWS
        AUG 09
                 INSPEC enhanced with 1898-1968 archive
NEWS
         AUG 28
                 ADISCTI Reloaded and Enhanced
NEWS
         AUG 30
                 CA(SM)/CAplus(SM) Austrian patent law changes
         SEP 21
NEWS
                 CA/CAplus fields enhanced with simultaneous left and right
                 truncation
NEWS
     7
         SEP 25
                 CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 8
         SEP 25
                 CAS REGISTRY(SM) no longer includes Concord 3D coordinates
                 CAS REGISTRY (SM) updated with amino acid codes for pyrrolysine
         SEP 25
NEWS 9
NEWS 10
         SEP 28
                 CEABA-VTB classification code fields reloaded with new
                 classification scheme
NEWS 11
         OCT 19
                 LOGOFF HOLD duration extended to 120 minutes
NEWS 12
         OCT 19
                 E-mail format enhanced
NEWS 13
         OCT 23
                 Option to turn off MARPAT highlighting enhancements available
NEWS 14
        OCT 23
                 CAS Registry Number crossover limit increased to 300,000 in
                 multiple databases
        OCT 23
NEWS 15
                 The Derwent World Patents Index suite of databases on STN
                 has been enhanced and reloaded
NEWS 16
        OCT 30
                 CHEMLIST enhanced with new search and display field
NEWS 17
        NOV 03
                 JAPIO enhanced with IPC 8 features and functionality
NEWS 18
        NOV 10
                 CA/CAplus F-Term thesaurus enhanced
NEWS 19
        NOV 10
                 STN Express with Discover! free maintenance release Version
                 8.01c now available
NEWS 20
         NOV 20
                 CAS Registry Number crossover limit increased to 300,000 in
                 additional databases
NEWS 21
        NOV 20
                 CA/CAplus to MARPAT accession number crossover limit increased
                 to 50,000
NEWS 22
         DEC 01
                 CAS REGISTRY updated with new ambiguity codes
NEWS 23
         DEC 11
                 CAS REGISTRY chemical nomenclature enhanced
NEWS 24
         DEC 14
                 WPIDS/WPINDEX/WPIX manual codes updated
NEWS 25
         DEC 14
                 GBFULL and FRFULL enhanced with IPC 8 features and
                 functionality
NEWS 26
         DEC 18
                 CA/CAplus pre-1967 chemical substance index entries enhanced
                 with preparation role
NEWS 27
         DEC 18
                 CA/CAplus patent kind codes updated
NEWS 28
         DEC 18
                 MARPAT to CA/CAplus accession number crossover limit increased
                 to 50,000
NEWS 29
         DEC 18
                 MEDLINE updated in preparation for 2007 reload
        DEC 27
                 CA/CAplus enhanced with more pre-1907 records
NEWS EXPRESS
              NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS
              STN Operating Hours Plus Help Desk Availability
NEWS LOGIN
              Welcome Banner and News Items
NEWS IPC8
              For general information regarding STN implementation of IPC 8
```

NEWS X25 X.25 communication option no longer available NEWS PRICE STN 2007 Prices

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 18:39:48 ON 29 DEC 2006

=> file registry
COST IN U.S. DOLLARS

) ACETAMIDE/CN

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 18:40:26 ON 29 DEC 2006 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ${\tt ZIC/VINITI}$ data file provided by ${\tt InfoChem.}$

STRUCTURE FILE UPDATES: 28 DEC 2006 HIGHEST RN 916479-39-5 DICTIONARY FILE UPDATES: 28 DEC 2006 HIGHEST RN 916479-39-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

"N-(4-(3-(4-AMINOPHENYL)-4-ISOAZOLY)PHENYL)-N'-(1-(4-FLUOROPHENYL)ETHYL)THIOUREA"/CN 25 E1N-(4-(3-(4-(MORPHOLIN-4-YL)QUINOLIN-3-YL)ACRYLOYL)PHENYL)OXALAMIC ACID ETHYL ESTER/CN N-(4-(3-(4-ACETYLPIPERAZIN-1-YL)PROPOXY)NAPHTHALEN-1-YL)-3-FLUORO-5-(PIPERIDIN-1-YL) BENZAMIDE/CN E3 0 --> N-(4-(3-(4-AMINOPHENYL)-4-ISOAZOLY)PHENYL)-N'-(1-(4-FLUOROPHENYL)ETHYL)THIOUREA/CNN-(4-(3-(4-AMINOPHENYL) PROPYL)-1,3-THIAZOL-2-YL)ACETAMIDE/CN N-(4-(3-(4-BENZYLPIPERIDIN-1-YL) PROPYL) PHENYL)-N-(4-HYDROXYBENZYL) BENZENESULFONAMIDE /CN Ε6 1 N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)-3-METHYLNAPHTHALEN-1-YL

```
E7
N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY)-3-METHYLNAPHTHALEN-1-YL
) ACETAMIDE ACETATE/CN
             1
N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY) PHENYL) ACETAMIDE/CN
N-(4-(3-(4-CARBAMIMIDOYLPHENYL)-2-OXOOXAZOLIDIN-5-YLMETHOXY) PHENYL) ACETAMIDE
ACETATE/CN
N-(4-(3-(4-CHLOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXAMIC
ACID/CN
E11
             1
N-(4-(3-(4-CHLOROBENZYLCARBAMOYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXAMIC ACID
ETHYL ESTER/CN
E12
N-(4-(3-(4-CHLOROPHENOXY)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXAMIC ACID/CN
E13
N-(4-(3-(4-CHLOROPHENYL)-1-OXO-2-PROPENYL)PHENYL)-2-METHYL-5-NITROBENZENESULFONAMIDE
/CN
E14
             1
N-(4-(3-(4-CHLOROPHENYL) BENZO (C) ISOXAZOL-5-YL) PYRIMIDIN-2-YL) ACETAMIDE/CN
N-(4-(3-(4-CHLOROPHENYL) ISOXAZOL-5-YL) THIAZOL-2-YL) -N-(3-(MORPHOLIN-4-YL) PROPYL) THIO
PHENE-2-CARBOXAMIDE/CN
N-(4-(3-(4-CYANO-3-TRIFLUOROMETHYLPHENYL)-5,5-DIMETHYL-4-OXO-2-THIOXOIMIDAZOLIDIN-1-
YL) PHENYL) ACETAMIDE/CN
E17
             1
N-(4-(3-(4-CYANO-3-TRIFLUOROMETHYLPHENYL)-5,5-DIMETHYL-4-OXO-2-THIOXOIMIDAZOLIDIN-1-
YL) PHENYL) METHANESULFONAMIDE/CN
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)-2-MORPHOLIN-
4-YL-2-OXOACETAMIDE/CN
E19
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)-N'-(2-METHOX
YETHYL) OXALAMIDE/CN
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)-N'-ISOPROPYL
OXALAMIDE/CN
E21
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)-N'-PROPYLOXA
LAMIDE/CN
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)MALONAMIC
ACID/CN
E23
             1
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXALAMIDE/CN
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXAMIC
ACID/CN
N-(4-(3-(4-FLUOROBENZENESULFONYL)-4-HYDROXYPHENOXY)-3,5-DIMETHYLPHENYL)OXAMIC ACID
ETHYL ESTER/CN
```

L7 ANSWER 91 OF 177 REGISTRY COPYRIGHT 2007 ACS on STN RN 736982-21-1 REGISTRY ED Entered STN: 01 Sep 2004 CN Thiourea, N-[4-[3-(4-aminophenyl)-4-isoxazolyl] phenyl] -N'-[1-(4-aminophenyl)-4-isoxazolyl]fluorophenyl)ethyl]- (9CI) (CA INDEX NAME) MF C24 H21 F N4 O S SR CA LCSTN Files: CA, CAPLUS, USPATFULL DT.CA CAplus document type: Patent Roles from patents: BIOL (Biological study); PREP (Preparation); USES

Ring System Data

(Uses)

Elemental	Elemental	Size of	Ring System	Ring	RID
Analysis	Sequence	Ithe Rings	Formula	Identifier	Occurrence
EA	l ES	l SZ	RF	RID	Count
========	+=======	+=======	+========	+=======	+=======
C3NO	NOC3	15	C3NO	16.167.5	1
C6	IC6	16	IC6	146.150.18	13

PAGE 1-A

1

PAGE 2-A

F

(1) Bloom Jonathan Dawid; US 2004157900 A1 2004 CAPLUS

Predicted Properties (PPROP)

PROPERTY (CODE)	VALUE	•	NOTE
Bioconc. Factor (BCF) Boiling Point (BP) Density (DEN) Enthalpy of Vap. (HVAP) Flash Point (FP) Freely Rotatable Bonds (FRB) H acceptors (HAC)	1.0 10.28 53.90 90.90 97.57 98.29 98.36 98.36 98.26 97.29 583.4+/-60.0 deg C 1.309+/-0.06 g/cm**3 87.20+/-3.0 kJ/mol 306.6+/-32.9 deg C 6 5	PH 1 25 deg C PH 2 25 deg C PH 3 25 deg C PH 4 25 deg C PH 5 25 deg C PH 6 25 deg C PH 7 25 deg C PH 8 25 deg C PH 9 25 deg C PH 10 25 deg	(1)
Koc (KOC) LOGD (LOGD)	97.08 508.80 858.08 921.04 927.84 928.52 928.49 927.58 918.43 0.88 1.94 2.66 2.89 2.92 2.92 2.92 2.92 2.92 2.92	PH 2 25 deg C PH 3 25 deg C PH 4 25 deg C PH 5 25 deg C PH 7 25 deg C PH 8 25 deg C PH 10 25 deg C PH 2 25 deg C PH 3 25 deg C PH 4 25 deg C PH 5 25 deg C PH 5 25 deg C PH 6 25 deg C PH 7 25 deg C PH 7 25 deg C PH 8 25 deg C PH 8 25 deg C PH 8 25 deg C PH 9 25 deg C PH 9 25 deg C PH 9 25 deg C PH 10 PH	(1)
Mass Solubility (SLB.MASS)	0.069 g/L 0.013 g/L 0.0078 g/L 0.0074 g/L 0.0069 g/L 0.0069 g/L 0.0069 g/L 0.0069 g/L 0.0074 g/L	PH 2	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)

```
[pH 7.00
                                                                125 deg C
Molar Intrinsic Solubility
                                     |0.000016 mol/L
                                                                125 deg C
                                                                                     |(1)
 (ISLB.MOL)
Molar Solubility (SLB.MOL)
                                    |0.0018 mol/L|
                                                                |pH 1
                                                                         25 deg C
                                                                                     |(1)
Molar Solubility (SLB.MOL)
                                    |0.00016 \text{ mol/L}|
                                                                |pH 2
                                                                        25 deg C
                                                                                     |(1)
Molar Solubility (SLB.MOL)
                                    |0.000030 mol/L
                                                                |pH 3
                                                                        25 deg C
                                                                                     |(1)
                                    |0.000018 \text{ mol/L}|
                                                                |pH 4
                                                                         25 deg C
                                                                                     |(1)
                                    |0.000017 mol/L
                                                                        25 deg C
                                                                |pH 5
                                                                                     |(1)
                                    |0.000016 \text{ mol/L}|
                                                                1pH 6
                                                                        25 deg C
                                                                                     |(1)
                                    |0.000016 \text{ mol/L}|
                                                                lpH 7
                                                                        25 deg C
                                                                                     |(1)
                                                                8 Hq|
                                    |0.000016 \text{ mol/L}|
                                                                        25 deg C
                                                                                     |(1)
                                                                IpH 9 25 deg C
                                    |0.000016 \text{ mol/L}|
                                                                                     +(1)
                                  |0.000017 \text{ mol/L}|
                                                                1pH 10 25 deg C
                                                                                     +(1)
Molar Solubility (SLB.MOL)
                                    10.000016 \text{ mol/L}
                                                                |Unbuffered Water|(1)
                                                                |pH 7.00
                                                                |25 deg C
Molar Volume (MVOL)
                                    |330.2+/-3.0 \text{ cm**}3/\text{mol}|20 \text{ deg C}
                                                                                     |(1)
                                                                |760 Torr
Molecular Weight (MW)
                                     |432.51
                                                                                     |(1)
                                     |12.00+/-0.70
PKA (PKA)
                                                                |Most Acidic
                                                                                     |(1)|
                                                                125 deg C
                                     |2.91+/-0.10
PKA (PKA)
                                                                |Most Basic
                                                                                     |(1)|
                                                                125 deg C
                                    |108.20 A**2
Polar Surface Area (PSA)
                                                                                     +(1)
Vapor Pressure (VP)
                                    |1.34E-13 Torr
                                                                125 deg C
                                                                                     |(1)|
      Calculated using Advanced Chemistry Development (ACD/Labs) Software V8.19
       ((C) 1994-2007 ACD/Labs)
See HELP PROPERTIES for information about property data sources in REGISTRY.
                   1 REFERENCES IN FILE CA (1907 TO DATE)
                   1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
REFERENCE 1
AN
      141:190783 CA
TΙ
      Preparation of isoxazole-containing thiourea inhibitors useful for
      treatment of varicella zoster virus
ΙN
      Bloom, Jonathan David
PA
      Wyeth Holdings Corporation, USA
      U.S. Pat. Appl. Publ., 9 pp.
SO
      CODEN: USXXCO
DT
      Patent
LA
      English
IC
      ICM C07D261-02
      ICS A61K031-42
NCL
      514378000
      28-6 (Heterocyclic Compounds (More Than One Hetero Atom))
       Section cross-reference(s): 1, 63
FAN.CNT 1
      PATENT NO.
                         KIND DATE
                                                     APPLICATION NO.
                                                                           DATE
                                   -----
                           ----
                                                      -----
                                                                           ____
      US 2004157900
PΤ
                            A1
                                   20040812
                                                     US 2004-772799
                                                                           20040205
```

WO 2004072052 A2 20040826 WO 2004-US3725 20040209
WO 2004072052 A3 20041111
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MZ, MZ, MZ, NA, NI

```
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2003-446602P 20030211
```

The title compds. [I; R1 = halo, H; R2 = alkyl; X = II, III; R3 = alkyl, cycloalkyl, hydroxymethyl, etc.; R4 = alkyl which may be further substituted with (un)substituted Ph, cycloalkyl, pyridyl, etc.], useful for inhibiting replication of a herpes virus, were prepared E.g., a multi-step synthesis of 1-[4-(4-benzylisoxazol-3-yl)phenyl]-3-[1-(4-fluorophenyl)ethyl]thiourea (IV), was given. Seventeen title compds. I were prepared as described for IV, and tested for activity as herpes virus inhibitors (IC50 values against VZV, MTS, CMV, HSV and RSV were given).

ST isoxazolylphenyl benzyl thiourea prepn antiviral herpes virus; varicella zoster virus isoxazolylphenyl benzyl thiourea prepn

IT Antiviral agents

Human

Human herpesvirus

Human herpesvirus 3

Human herpesvirus 5

 $(\mbox{preparation of isoxazole-containing thiourea inhibitors useful for treatment of} \\$

varicella zoster virus)

IT Infection

(viral; preparation of isoxazole-containing thiourea inhibitors useful for treatment of varicella zoster virus)

IT736982-12-0P 736982-15-3P 736982-16-4P 736982-13**-**1P 736982-14-2P 736982-17-5P 736982-18-6P 736982-19-7P 736982-20-0P 736982-21-1P 736982-22-2P 736982-23-3P 736982-24-4P 736982-25-5P 736982-26-6P 736982-27-7P 736982-28-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

 $\hbox{ (preparation of isoxazole-containing thiourea inhibitors useful for treatment of }$

varicella zoster virus)

IT 100-10-7, 4-(Dimethylamino)benzaldehyde 623-04-1, 4-Aminobenzyl alcohol 10147-11-2, 3-Phenyl-1-propyne 14235-81-5, 4-Ethynylaniline 182565-27-1

RL: RCT (Reactant); RACT (Reactant or reagent)

. . · ·